



# Manure Management Plan Recordkeeping Form

## Part 1. Application Rate Calculation Information

Year \_\_\_\_\_

The following information may be taken from tables 2, 4, 5 and 6 in your Manure Management Plan (rev. 8/04)

### Nutrient Concentration of Manure Used for Application \* (lbs/1000gal or lbs/ton)

Total N \_\_\_\_\_ Available N 1<sup>st</sup> year \_\_\_\_\_ P<sub>2</sub>O<sub>5</sub> \_\_\_\_\_

\*Keep lab results in records if a sample is used.

## Cropping Information

Previous crop grown \_\_\_\_\_ Did previous crop receive manure? (yes/no) \_\_\_\_\_

Planned (or current) crop \_\_\_\_\_ Optimum crop yield \_\_\_\_\_ (bu or ton/ac)

Legume N credit \_\_\_\_\_ Lbs./ac Commercial N planned \_\_\_\_\_ Lbs./ac Manure N carryover credit \_\_\_\_\_ Lbs./ac

Remaining crop N need \_\_\_\_\_ lb/ac

Manure application rate to supply remaining N \_\_\_\_\_ gal or tons/ac

### Phosphorus-Based Rate (fill out below if applying a phosphorous-based rate)

Planned crop rotation (crop(s) that P-based rate is based on) \_\_\_\_\_

P<sub>2</sub>O<sub>5</sub> removal by crop harvest or crop rotation harvest \_\_\_\_\_ Lbs. P<sub>2</sub>O<sub>5</sub>/ac

Planned Manure Application Rate \_\_\_\_\_ gal or tons/ac

## Part 2. Actual Manure Application Information

Date	Field Designation (from MMP)	Method of application	Total gallons or tons/field applied	Acres Covered	Application Rate (gal or tons/ac)

Weather Condition\*\* Day before \_\_\_\_\_ Day of \_\_\_\_\_ Day after \_\_\_\_\_

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Weather Condition\*\* Day before \_\_\_\_\_ Day of \_\_\_\_\_ Day after \_\_\_\_\_

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Weather Condition\*\* Day before \_\_\_\_\_ Day of \_\_\_\_\_ Day after \_\_\_\_\_

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Weather Condition\*\* Day before \_\_\_\_\_ Day of \_\_\_\_\_ Day after \_\_\_\_\_

\*\* Indicate, e.g.: rainy, sunny, snowy, windy, etc.

# Recordkeeping Fact Sheet

## Key Information

New recordkeeping requirements apply to confinement feeding operations that must have a manure management plan – those that have more than a 500 animal unit capacity. The new requirements are listed below in an excerpt from Chapter 65 of the Iowa Administrative Code. The recordkeeping form on the reverse side is an **optional** form. It is not required, but the Department of Natural Resources developed the form for producers' convenience.

Please contact one of the DNR field offices listed below if you have questions with current rules for manure application

## Rule on Manure Application Recordkeeping

### Manure management plan recordkeeping requirements:

65.17(13) *Record keeping.* Records shall be maintained by the owner of a confinement feeding operation who is required to submit a manure management plan. This recorded information shall be maintained for three years following the year of application or for the length of the crop rotation, whichever is greater. Effective August 25, 2006, records shall be maintained for five years following the year of application or for the length of the crop rotation, whichever is greater. Records shall be maintained at the site of the confinement feeding operation or at a residence or office of the owner or operator of the facility within 30 miles of the site. Records to demonstrate compliance with the manure management plan shall include the following:

a. Factors used to calculate the manure application rate:

- (1) Optimum yield for the planned crop.
- (2) Types of nitrogen credits and amounts.
- (3) Remaining crop nitrogen needed.
- (4) Nitrogen content and first-year nitrogen availability of the manure.
- (5) Phosphorus content of the manure if required in accordance with 65.17(3) "i." If an actual sample is used, documentation shall be provided.

b. If phosphorus-based application rates are used, the following shall be included:

- (1) Crop rotation.
- (2) Phosphorus removed by crop harvest of that crop rotation.

c. Maximum allowable manure application rate.

d. Actual manure application information:

- (1) Methods of application when manure from the confinement feeding operation was applied.
- (2) Date(s) when the manure from the confinement feeding operation was applied.
- (3) Location of the field where the manure from the confinement feeding operation was applied, including the number of acres.
- (4) The manure application rate.

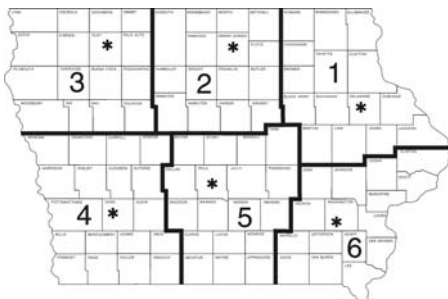
\*e. Effective August 25, 2005, date(s) and application rate of commercial nitrogen and phosphorus on fields that received manure.

f. When a phosphorus index is required in accordance with 65.17(1) "d," a copy of the current soil test lab results for each field in the manure management plan.

g. For sales of manure under 65.17(2) "b," record-keeping requirements of 65.17(2) "b"(8) shall be followed.

**65.17(14) Record inspection.** The department may inspect a confinement feeding operation at any time during normal working hours and may inspect the manure management plan and any records required to be maintained. Records shall be kept confidential by the department and its agents and employees. The contents of the records are not subject to disclosure except as follows:

- a. Upon waiver by the owner of the confinement feeding operation.
- b. In an action or administrative proceeding commenced under this chapter. Any hearing related to the action or proceeding shall be closed.
- c. When required by subpoena or court order.



#### Field Office 1

Manchester  
563-927-2640

#### Field Office 4

Atlantic  
712-243-1934

#### Field Office 2

Mason City  
641-424-4073

#### Field Office 5

Des Moines  
515-725-0268

#### Field Office 3

Spencer  
712-262-4177

#### Field Office 6

Washington  
319-653-2135

\* August 25, 2004, effective date delayed 70 days by the Administrative Rules Review Committee at its meeting held August 11, 2004.